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United States
Department of
Agriculture

Animal and Plant
Health Inspection
Service

Veterinary
Services

245

Adult Scabies Mites: Comparative Features //

reprinted

19 1981



(mouth parts, pedicels and suckers)

Sarcoptes

- Body—Rounded, short, backward projecting spines on dorsum
- Mouthparts—Blunt
- Pedicels (leg stalks)—Long and unjointed; third and fourth pair of legs do not usually extend beyond rim of body
- Sucker disks
Female: on legs 1 and 2
Male: on legs 1, 2 and 4
- Maximum size
Female: about 0.50mm
Male: about 0.30mm



(mouth parts, pedicels and suckers)

Chorioptes

- Body—Oval, compressed laterally
- Mouthparts—Blunt
- Pedicels (leg stalks)—Short and unjointed; third pair of legs extend from the indentation in the body wall
- Sucker disks
Female: on legs 1, 2 and 4
Male: on legs 1, 2, 3 and 4
- Maximum size
Female: about 0.40mm
Male: about 0.35mm



(mouth parts, pedicels and suckers)

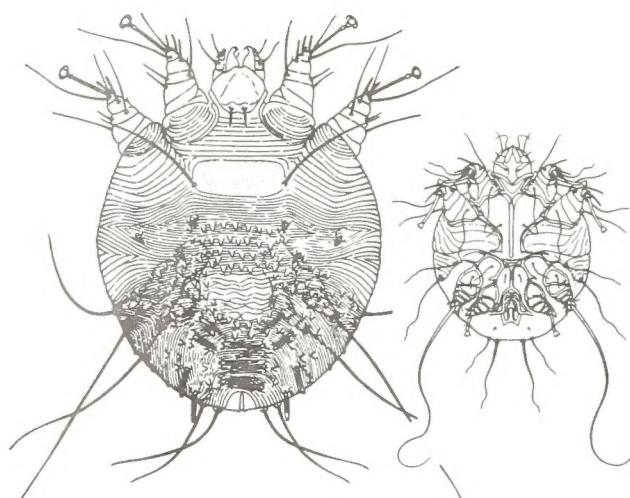
Psoroptes

- Body—Oval
- Mouthparts—Sharp, piercing, and elongated
- Pedicels (leg stalks)—Long and jointed
- Sucker disks
Female: on legs 1, 2 and 4
Male: on legs 1, 2 and 3
- Maximum size
Female: about 0.80mm
Male: about 0.70mm

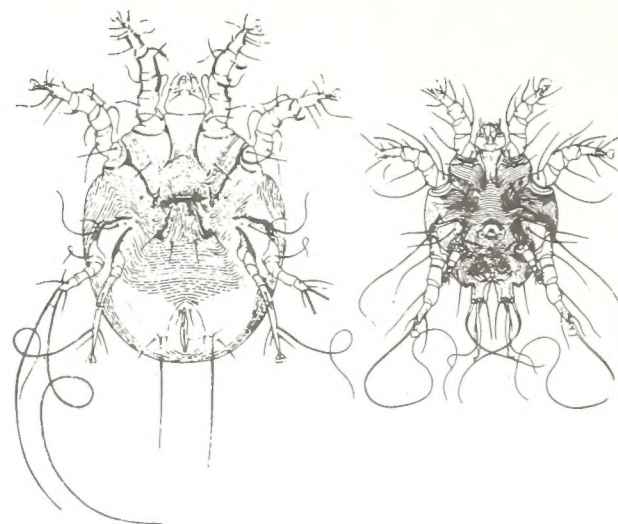
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Mites Found on Livestock

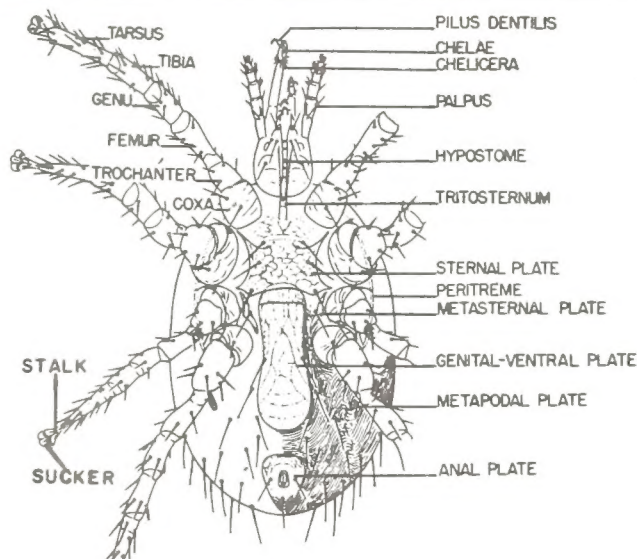


Mange Mite
Sarcoptes scabiei (Degeer)
Left: dorsal view of female
Right: ventral view of male

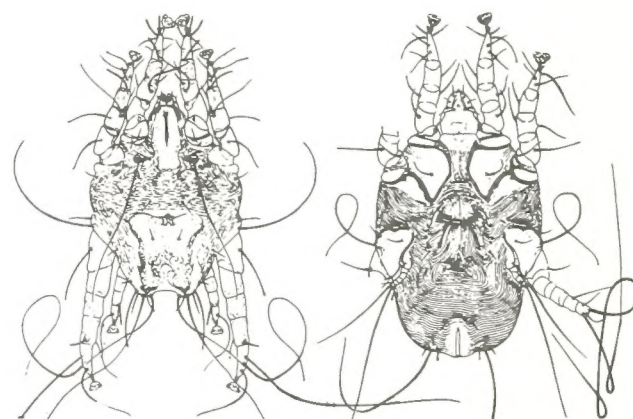


Mange Mite
Chorioptes bovis (Gerlach)
Left: ventral view of female
Right: ventral view of male

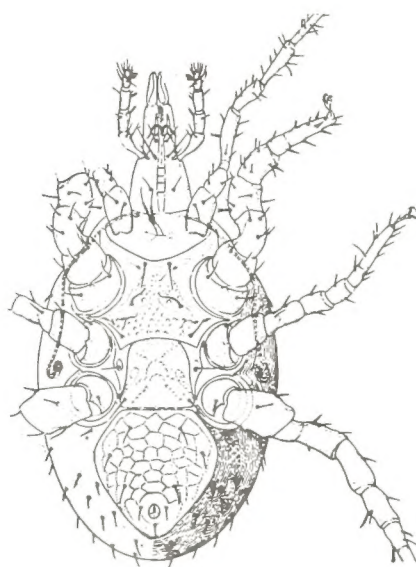
Mites Found on Other Animals



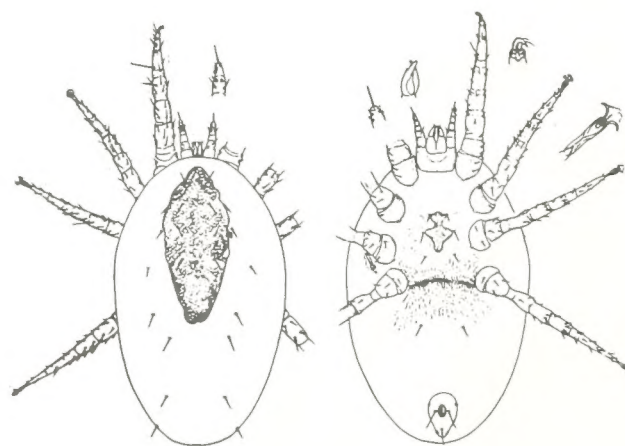
Common Rodent Mite
Haemolaelaps glasgowi (Ewing)
Ventral view of female with
morphological characters labeled.



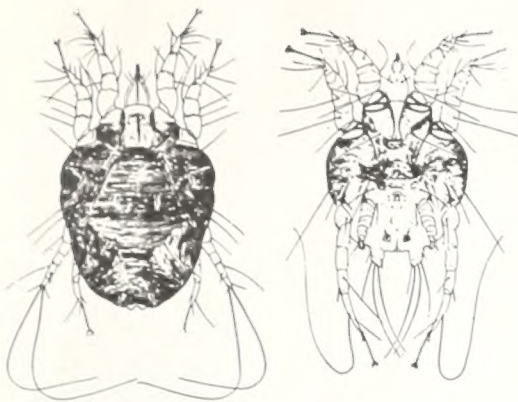
Ear Mite
Otodectes cynotis (Hering)
Left: dorsal view of male
Right: ventral view of female



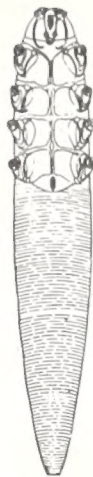
House Fly Mite
Macrocheles muscaedomesticae
(Scopoli)
Ventral view of female



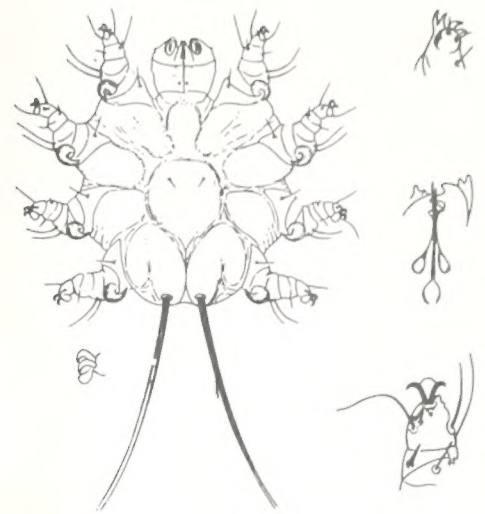
Dog Nasal Mite
Pneumonyssus caninum (C. and R.)
Left: dorsal view of female
Right: ventral view of female



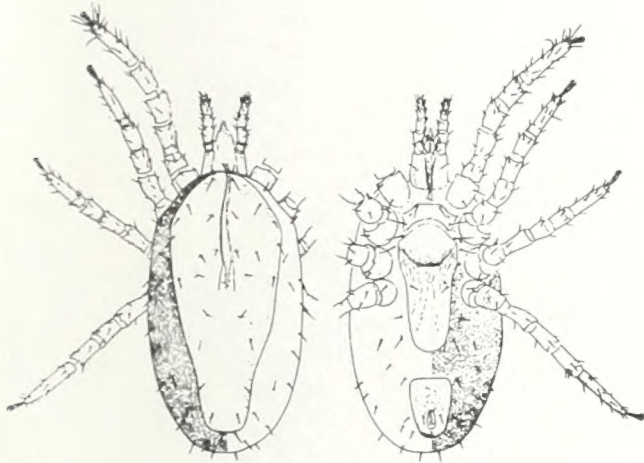
Common Scabies Mite
Psoroptes equi (Hering)
Left: dorsal view of female
Right: ventral view of male



Follicle Mite
Demodex
Ventral view of female



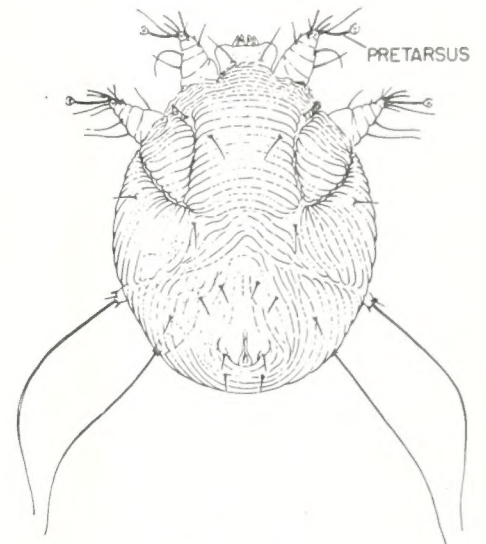
Sheep Itch Mites
Psorergates simplex (Tyrell);
Left: female
Right: *P. ovis*; palps, chelicera
and tarsus I



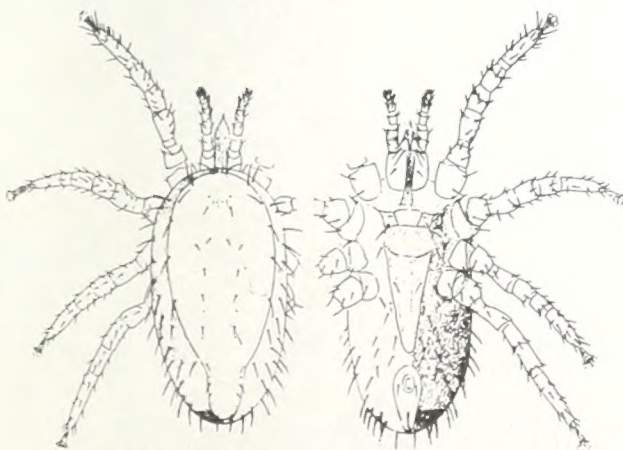
Chicken Mite
Dermanyssus gallinae (Degeer)
Left: dorsal view of female
Right: ventral view of female



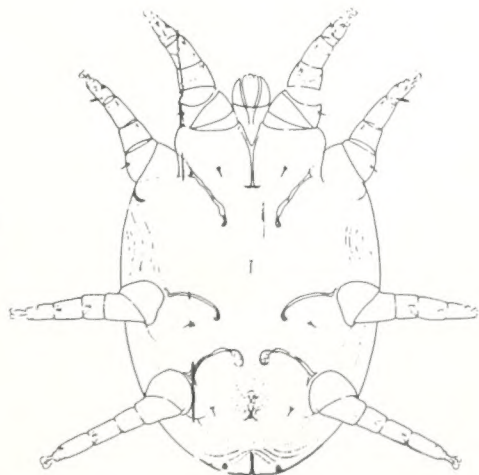
Scaly-Leg Mite
Cnemidocoptes mutans
Dorsal view of female



Notoedres sp.
Dorsal view of female
Taken from squirrel



Northern Fowl Mite
Ornithonyssus sylviarum (C. and F.)
Left: dorsal view of female
Right: ventral view of female



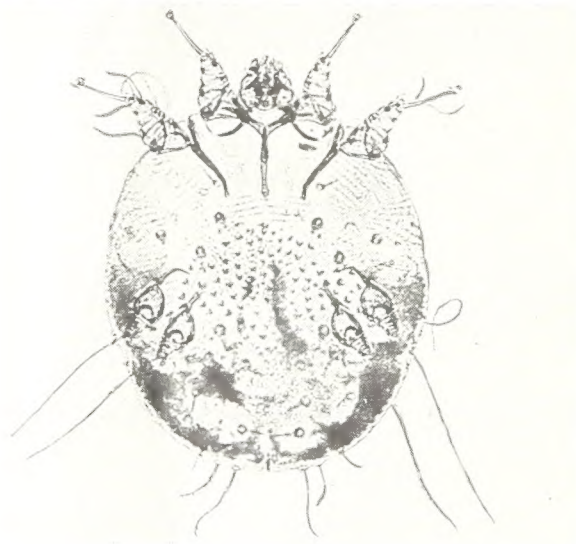
Air-Sac Mite
Cytodites nudus (Vizioli)
Ventral view of male



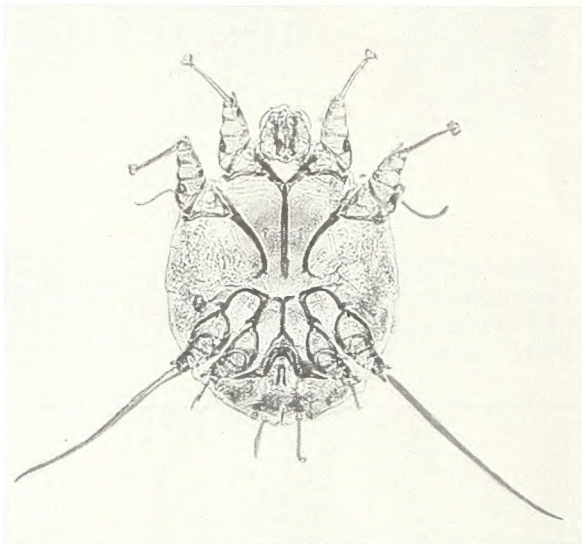
Rabbit Fur Mite
Cheyletiella parasitivorax (Megnin)
Dorsal view of female

Photomicrographs

Sarcoptes

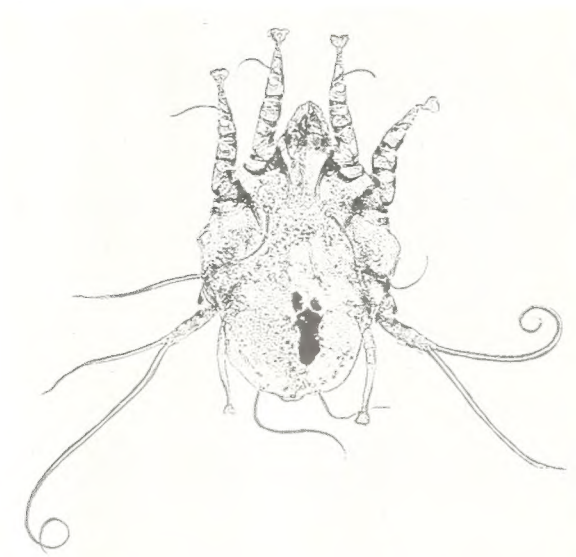


Female

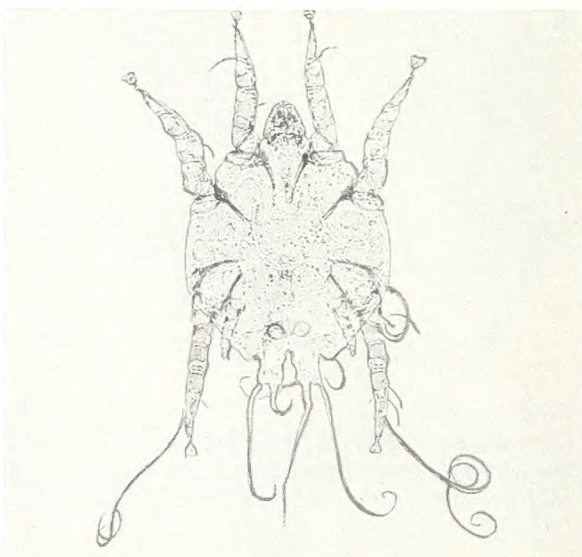


Male

Chorioptes



Female

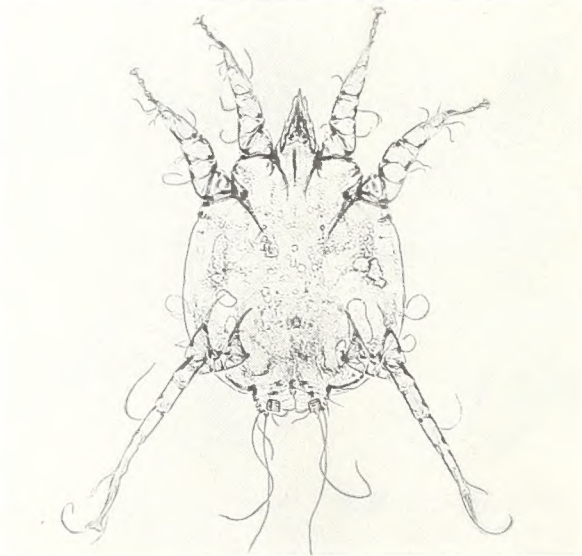


Male

Psoroptes



Female



Male

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